

ABSTRACT OF THE DISCLOSURE

A user defined ADT function (to be implemented by an embedded module assigned to the function) is executed with module calling triggers other than the execution of the ADT function described in an SQL statement in a database management method which allows the user to define a data type. By creating a proper execution procedure command package, an embedded module implementing an ADT function can be executed even if the function is defined in a format to return execution results as a set. The database processing method includes an ADT function analysis for selecting a procedural model for creating a proper execution procedure command package in accordance with an evaluation style and a non-ADT function called embedded module analysis for adding information on embedded modules called on module calling triggers other than execution of ADT functions. Examples of module calling triggers other than execution of ADT functions include module calling triggers specified by embedded module defining information which includes the evaluation style of the embedded module in addition to the module calling triggers.